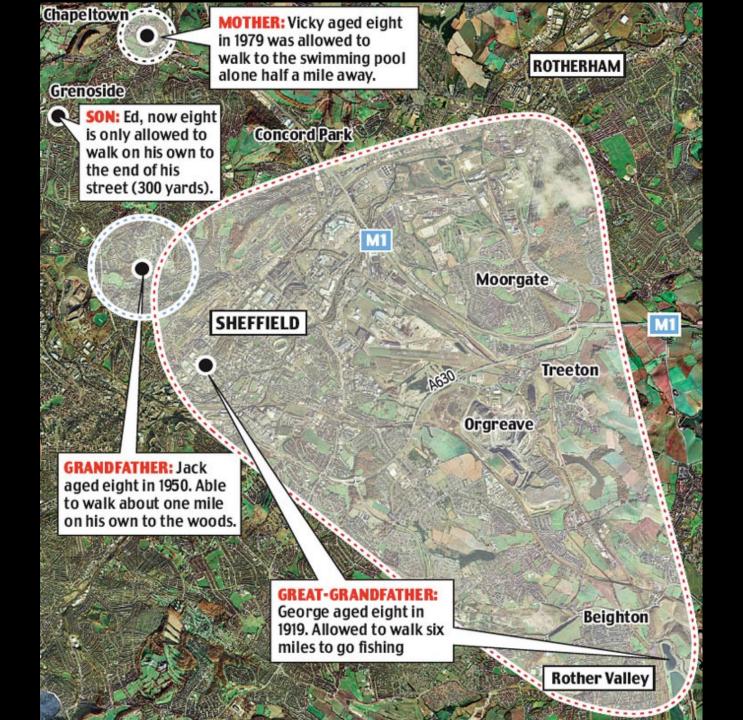


Chris Pinchen theprivacyagency.eu @PracticalPrivaC chris@practicalprivacy.lu PGP KEY 0x2C3196C5











DETAILS: FIXES AN ISSUE THAT WAS CAUSING RANDOM LAPTOP ELECTRICAL FIRES.



(THIS UPDATE WILL REQUIRE RESTARTING YOUR COMPUTER.)



SECURITY NONEXPERTS' TOP **ONLINE SAFETY PRACTICES**



SECURITY EXPERTS' TOP **ONLINE SAFETY PRACTICES**

1. USE ANTIVIRUS **SOFTWARE**



2. USE STRONG **PASSWORDS**



3. CHANGE PASSWORDS FREQUENTLY



4. ONLY VISIT WEBSITES THEY KNOW



5. DON'T SHARE PERSONAL INFORMATION



1. INSTALL SOFTWARE UPDATES



2. USE UNIQUE **PASSWORDS**



3. USE TWO-FACTOR AUTHENTICATION



4. USE STRONG **PASSWORDS**



5. USE A PASSWORD MANAGER

';--have i been pwned?

Check if you have an account that has been compromised in a data breach

email address or username

pwned?

140

1,406,470,543

39,629

31,008,202

pwned websites

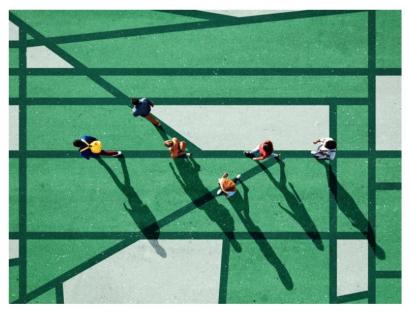
pwned accounts

pastes

paste accounts

ILY HAY NEWMAN SECURITY 05.03.18 08:00 AM

NIGERIAN EMAIL SCAMMERS ARE MORE EFFECTIVE THAN EVER



FO KLAUS VEDFELT/GETTY IMAGES

YOU WOULD THINK that after decades of analyzing and fighting email spam, there'd be a fix by now for the internet's oldest hustle—the Nigerian Prince scam. There's generally more awareness that a West African noble demanding \$1,000 in order to send you millions is a scam, but the underlying logic of these "pay a little, get a lot" schemes, also known as 419 fraud, still ensnares a ton of people. In fact, groups of fraudsters in Nigeria continue to make millions off of these classic cons. And they haven't just refined the techniques and expanded their targets—they've gained minor celebrity status for doing it.

Overheard on the train platform: Person has bank on speakerphone to discuss PIN change citing suspected identity theft. So far we have her name, security code word and date of birth.

7:28 PM - 3 May 2018

314 Retweets 1,847 Likes





↑ 314

1.8K



The Riddler @ridl_luzahn · May 5

Replying to @rebeccaholland @girlsreallyrule

Identity theft. How on earth could that have happened? 👺 👺

 $\uparrow \downarrow$

37



Peg Cochran @PegCochran · May 5

Replying to @rebeccaholland

I was on the train once and a woman on her cell phone was talking loud enough for everyone to hear about some super secret deal her company was working on.



Closed an old bank account & transferred the money to another bank. 2day I get an automated call asking me to confirm my ID & the transaction wasn't fraud. Press 1 to confirm its me > pick 1 of 3 year of births > 1 of 3 month of births info generally in the public domain

2:42 AM - 28 May 2018





Colm Donoghue @ColmDonoghue · May 28

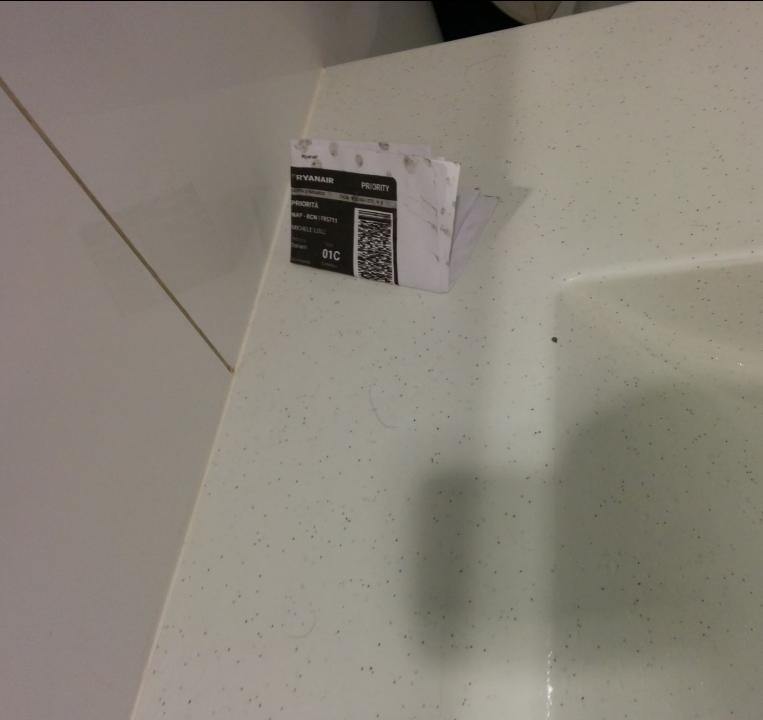
Replying to @PrivacyMatters @ElaineEdwardsIT

How could you verify who was ringing you?









Ryanair

RYANAIR

PRIORITY

CARTA D'IMBARCO

ITALIA • ID/AX-1371 • S

PRIORITÀ

NAP - BCN | FR5711

MICHELE LOOZ

Davanti

01C

Riferimento

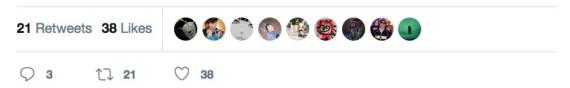






UK Bitcoin trader boasted on Twitter about making a killing, he used an offline wallet for security. Armed thugs broke into his house and held his girlfriend at gunpoint until he unlocked the wallet and transferred the btc to them. @WeldPond #thotcon

2:37 PM - 5 May 2018





Victor Tatarskii @Greenrat · May 5

Replying to @doctorow @WeldPond

similar stuff hapened to young Russian cryptoinvestor - only money from his safe was stolen when he was robbed (it was from his investors and he was going to transfer it to crypto). He committed suicide



♠ News

Britain's first Bitcoin heist as trader forced at gunpoint to transfer cyber currency









The raid happened in the village of Moulsford CREDIT: RIC MELLIS/INS

By Tony Diver

28 JANUARY 2018 • 6:42PM

rmed robbers broke into the family home of a city financier turned Bitcoin trader and forced him to transfer the digital currency at gunpoint, in what is believed to be the first heist of its kind in the UK.

Four robbers in balaclavas forced their way into the home of Danny Aston, 30, who runs a digital currency trading firm, before reportedly tying up a woman and forcing Mr Aston to transfer an unknown quantity of the cryptocurrency.

Mr Aston lives in the picturesque village of Moulsford in South Oxfordshire, where episodes of Midsomer Murders have been filmed, in a rented four-bedroom converted barn estimated to be worth at least £700,000 on a private drive.



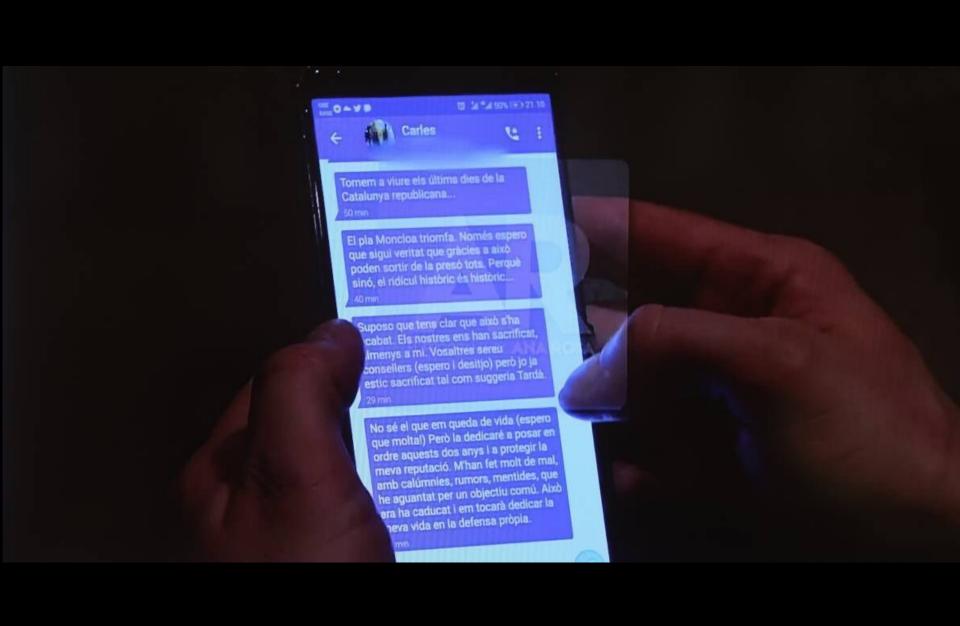
WhiteHouse OPSEC: two iPhones, one for calls only, one for Twitter only. Historical norm is for officials to turn over their phones on a monthly basis for analysis and replacement. Trump hasn't bothered for 5 months because "too inconvenient" #OPSECfail



'Too inconvenient': Trump goes rogue on phone security

The president, who relies on cellphones to reach outside advisers and to tweet to his millions of followers, has rebuffed attempts by White House...

politico.com



Do you often charge your mobile device from public ports while travelling? Did you know this can lead to "Juice Jacking"?

Beware of Juice Jacking

Attackers use USB charging ports available at public places to install malware, steal data or even take complete control of your device.



Tips to stay safe



Disable data transfer feature on your mobile phone while charging



Get a charge only cable instead of cable supporting charging and data transfer capabilities



Try to carry a power bank



If possible, switch off the device while charging from public ports

Facebook accused of introducing extremists to one another through 'suggested friends' feature







Facebook has been accused of failing to tackle extremist material CREDIT: PA

By Martin Evans, CRIME CORRESPONDENT

5 MAY 2018 • 10:13PM

acebook has helped introduce thousands of Islamic State of Iraq and the Levant (Isil) extremists to one another, via its 'suggested friends' feature, it can be revealed.

The social media giant - which is already under fire for <u>failing to</u> remove terrorist material from its platform - is now accused of actively connecting jihadists around the world, allowing them to develop fresh terror networks and even recruit new members to their cause.

Researchers, who analysed the Facebook activities of a thousand Isil supporters in 96 countries, discovered users with radical Islamist sympathies were routinely introduced to one another through the popular 'suggested friends' feature.

Using sophisticated algorithms, Facebook is designed to connect people who share common interests.

Facebook fires engineer who allegedly used access to stalk women

The employee allegedly boasted he was a 'professional stalker.'

by Ben Popken / May.01.2018 / 10:29 PM ET / Updated May.02.2018 / 5:52 AM ET



Laptop users stand in front of a screen projection of Facebook logo. Dado Ruvic / Reuters

Facebook has fired a security engineer who allegedly took advantage of his position to access information he then used to stalk women online, the social media giant confirmed to NBC News Tuesday.

"We are investigating this as a matter of urgency," Alex Stamos, Chief Security Officer at Facebook, said in a statement to NBC News.

"It's important that people's information is kept secure and private when they use Facebook," he said. "It's why we have strict policy controls and technical restrictions so employees only access the data they need to do their jobs - for example to fix bugs, manage

Amazon made an Echo Dot for kids, and it costs \$30 more than the original

New parental controls and FreeTime Unlimited subscription coming soon, too.

VALENTINA PALLADINO - 4/25/2018, 4:36 PM



Enlarge







Those with an Amazon Echo device in their homes have likely already exposed their children to Alexa. Now, Amazon wants to give kids the opportunity to turn Alexa into their friend with the new Echo Dot Kids Edition. The hockey puck-like smart speaker doesn't look too different from the original Dot, but it comes with new "Amazon FreeTime" content that gives kids new ways to interact with Alexa and parents more control over those interactions.

The \$79 Echo Dot Kids Edition takes the original device's design and wraps it in a kid-friendly, colorful case. Otherwise, the hardware is the same as the tiny smart speaker that debuted in 2016. While the regular, \$49 Dot is considered a more

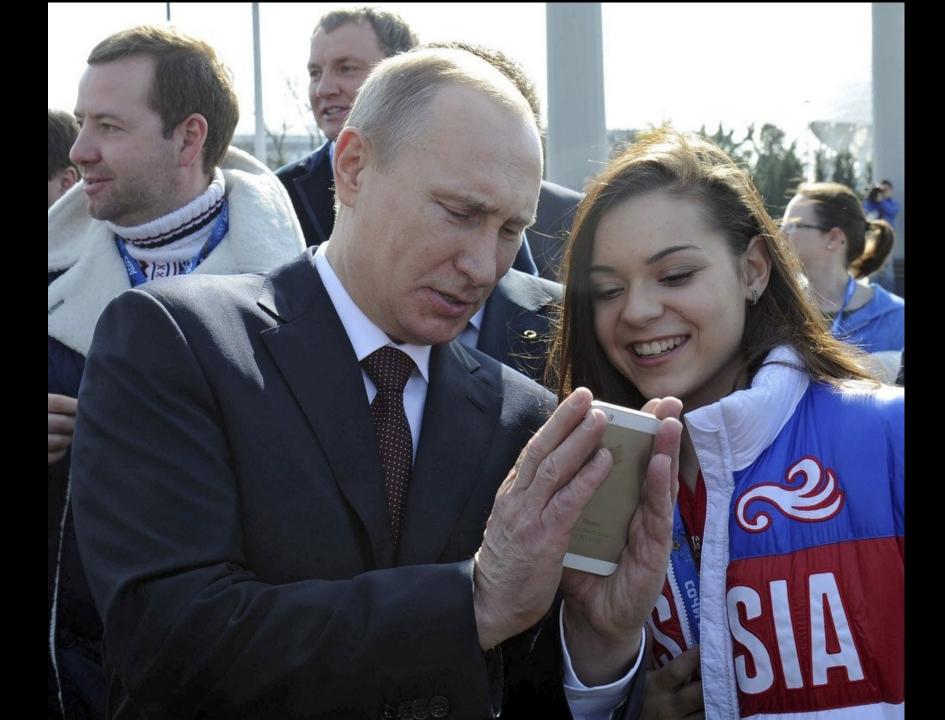


FURTHER READING

Guidemaster: Want an Alexa device? Here's every Amazon Echo, compared

affordable and accessible version of the Echo speaker, the Kids Edition costs more thanks to its bundled software. Amazon includes a two-year warranty plus a one-year subscription to the new Amazon FreeTime Unlimited service, an expanded version of Amazon's new FreeTime for Alexa.

FreeTime gives users "family-focused features" and new parental controls that adults can use to restrict what their kids can do with Alexa. Family features include "Education Q&A," allowing kids to ask Alexa science, math, spelling, and definition questions, "Alexa Speaks 'Kid," which gives Alexa kid-appropriate answers to nebulous statements that kids may say, such as "Alexa, I'm bored." Parents can also limit the times during which kids can speak to Alexa (like no talking to it after bedtime), restrict the skills kids can use, filter out songs with explicit lyrics, and more.





Browser eating CPU? Before you blame the developers, hit CTRL-U and look for code like this. You're being farmed to mine *coin for someone else

```
var sa = document.createElement('script'): sa.type = 'text/javascript': sa.asymc = true;
sa.src = '//c2.gogads.net/spg.js':
s.parentHode.insertDefore(gs. s):
}:
s.parentHode.insertDefore(gs. s):
s.parentHode.insertD
```

11:36 PM - 5 Dec 2017



BE MY SILENT WORKER

Want to serve me financially, but can't find afford exorbitant tributes? Load this web page on any or all of your computers and mobile devices, then click Start to begin mining cryptocurrency using your CPU resources for my Divine Self! You can leave this page open in a background tab all day, all night, to make me money while I sleep! Easy, right?

If the worker does not load start, disable your Ad Blocker. Make sure that the energy saver/shutdown and sleep mode are disabled

HASHES/S TOTAL 81.1 33514 THREADS SPEED 16+/- 99% +/-





of your computers and mobile devices, then click Start to begin mining cryptocurrency using your CPU resources for my Divine Self! You can leave this page open in a background tab all day, all night, to make me money while I sleep! Easy, right?

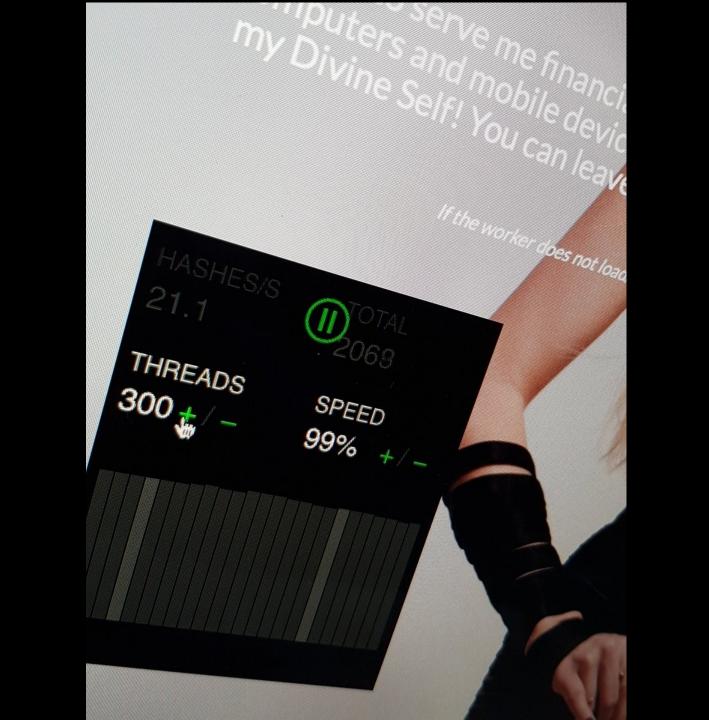
30%

If the worker does not load/start, disable your Ad Blocker. Make sure that the energy saver/shutdown and sleep mode are disabled

HASHES/S TOTAL **7.0 1006**

THREADS SPEED

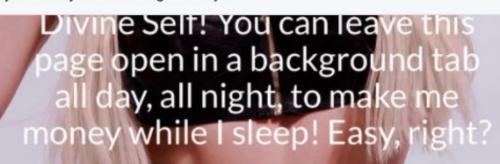
16+/- 99% +/-





Replying to @TheOnlyTheodora

my life finally has meaning, thank you



If the worker does not load/start, disable your Ad Blocker. Make sure that the energy saver/shutdown and sleep mode are disabled

HASHES/S

TOTAL

7.0

1006

THREADS

17 4

SPEED

99% +/-





2







Julian Oliver @julian0liver · 8 Dec 2017

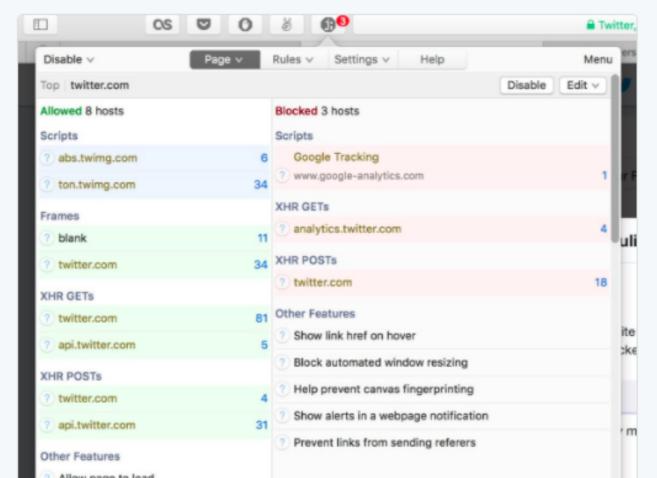
Had no luck with NoScript for the site I wanted to visit. Look forward to trying NoCoin tonight. If that fails, JS Blocker





@cairowire · 8 Dec 2017 نشرة القاهرة

I've been using JS Blocker on Safari since October, most functional one I've come across so far. Hope you find something that works, cryptojacking is such a drag





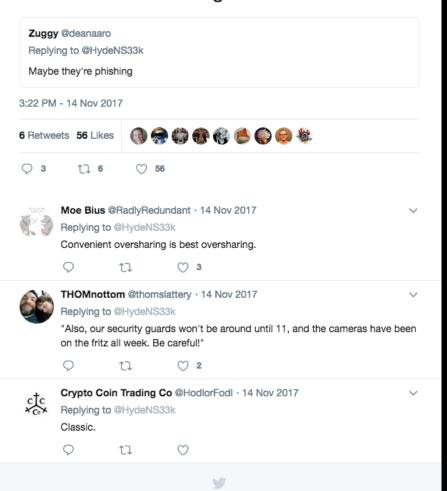








My first pentest, I called ahead with a pretext (vishing) to let them know to expect a visitor from "building management" the next day. VP told me "Don't come in the morning! Our whole Management team will be out!" I thought it was a trap. But no. Just convenient oversharing.





Follow

Live PenTest: Physical Breach and Entry into Corporate Headquarters.

9:21 AM - 14 Jul 2017

373 Retweets 761 Likes

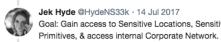


Jek Hyde @HydeNS33k · 14 Jul 2017

↑7 2

Replying to @HydeNS33k

Target: Large Building, Enterprise Headquarters. Occupied solely by Target Corporation.



Jek Hyde @HydeNS33k · 14 Jul 2017 Goal: Gain access to Sensitive Locations, Sensitive Physical Documents or

○ 1 1 5

Jek Hyde @HydeNS33k · 14 Jul 2017 Team: 2x Penetration Testers

Specialties:

1x Network Intrusion & Hacker - "Coder"

1x Physical Device Bypass & Social Engineer - "Jek"



Jek Hyde @HydeNS33k · 14 Jul 2017

1 3

1 6

This Live PenTest Tweet brought to you by @TinkerSec. Connected via voice comms. "Backup" for if (when!) team gets caught. "May" post bail.

3



Jek Hyde @HydeNS33k · 14 Jul 2017 Initial Passive Recon via Google Street View / Earth & Social Media. Active Recon via Dumpster Diving (see Moments: twitter.com/l/moments/8858...)



17 9

Dumpster Diving for Fun & Profit

Jek Hyde @HydeNS33k

Live PenTest Tweet - Active Recon for a Physical Penetration Test

Moments

O 2



Follow

Insane story from @mperklin about how an attacker created a fake dog show to get an employee at an exchange to download a word doc, which compromised their computer, leading to millions in theft.

Be paranoid. Also, use @QubesOS intelligently.

#LaBITConf2017

9:05 AM - 5 Dec 2017



British 15-year-old gained access to intelligence operations in Afghanistan and Iran by pretending to be head of CIA, court hears









Kane Gamble arrives at the Old Bailey in London, where he will be sentenced for hacking top ranking US officials

By Hayley Dixon

19 JANUARY 2018 • 5:44PM

A 15

15-year-old gained access to plans for intelligence operations in Afghanistan and Iran by pretending to be the head of the CIA to gain access to his computers, a court has heard.

From the bedroom of the Leicestershire home he shared with his mother, Kane Gamble used "social engineering" – where a person builds up a picture of information and uses it manipulate others into handing over more – to access the personal and work accounts of some of America's most powerful spy chiefs.

The teenager persuaded call handlers at an internet giant that he was John Brennan, the then director of the CIA, to gain access to his computers and an FBI helpdesk that he was Mark Giuliano, then the agency's Deputy Director, to re-gain access to an intelligence database.

He also targeted the US Secretary of Homeland Security and Barack Obama's Director of National Intelligence from his semi-detached council house in Coalville.

Gamble taunted his victims online, released personal information, bombarded them with calls and messages, downloaded pornography onto their computers and took control of their iPads and TV screens, a court heard.



Social Engineer Tookit

File Edit View Search Terminal Help

Join us on irc.freenode.net in channel #setoolkit

The Social-Engineer Toolkit is a product of TrustedSec.

Visit: https://www.trustedsec.com

Select from the menu:

- 1) Spear-Phishing Attack Vectors
- 2) Website Attack Vectors
- Infectious Media Generator
- 4) Create a Payload and Listener
- 5) Mass Mailer Attack
- 6) Arduino-Based Attack Vector
- 7) SMS Spoofing Attack Vector
- 8) Wireless Access Point Attack Vector
- 9) QRCode Generator Attack Vector
- 10) Powershell Attack Vectors
- 11) Third Party Modules
- 99) Return back to the main menu.



Account Hacker

Hack Facebook, Instagram, email and many others with Account Hacker v3.9.9. Available for Windows, Android & iOS!

Supported Account Types

Hom

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Hack Twitter Passwords

Hack Twitter Passwords For Free - Right Now!

If you have been searching for ways to hack Twitter passwords your search ends here as you can now hack Twitter passwords from the comfort of your home, for free, thanks to Account Hacker v3.9.9, our free Twitter hacking software that has revolutionized the world of Twitter password hacking!



Download Account Hacker! 100% Free - Results Guaranteed!



*To use Account Hacker on your Android or iOS smartphone or tablet simply visit our website directly from your mobile device and follow the instructions.



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Also compatible with the following:







A New Way to Hack Twitter Passwords

Our Twitter hacking software, Account Hacker v3.9.9 is widely touted within the Twitter password hacking community as it's the only Twitter password hack that combines advanced Twitter hacking technologies with an easy interface that can be used by even complete novices. Our Twitter hack can:





Computers driving our cars, beating humans at Go.
Nonsense! We all know what they are for

A.I. is for PORN!

Ask Mindy. Upload your image
Click to upload a picture and find similar faces

Browse Mindy's facesFind your dream girl browsing all porn faces



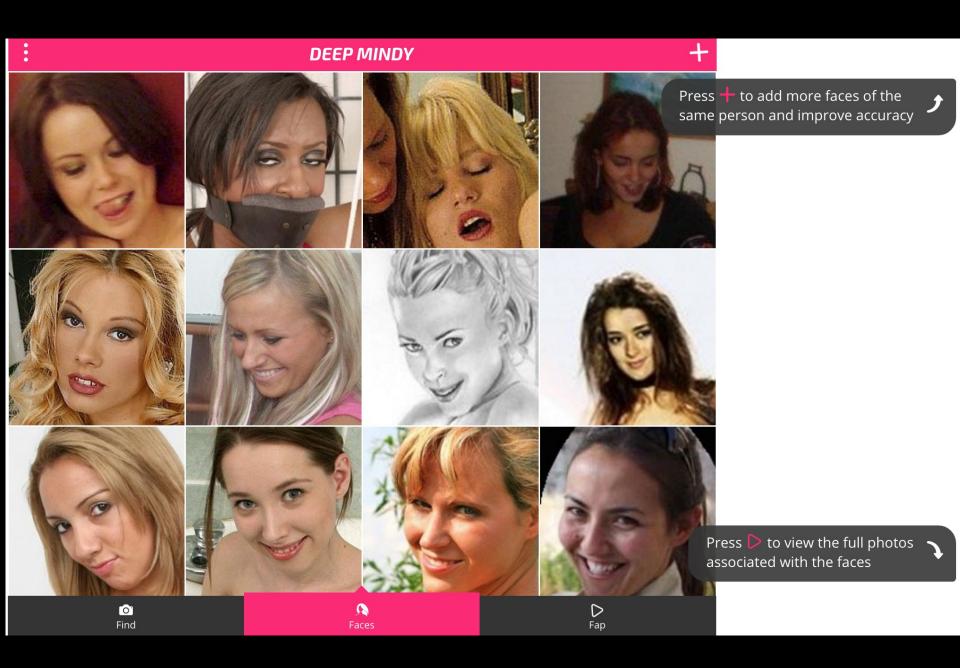








D Fap





AI-Assisted Fake Porn Is Here and We're All Fucked

Someone used an algorithm to paste the face of 'Wonder Woman' star Gal Gadot onto a porn video, and the implications are terrifying.



Image: Screenshot from SendVids

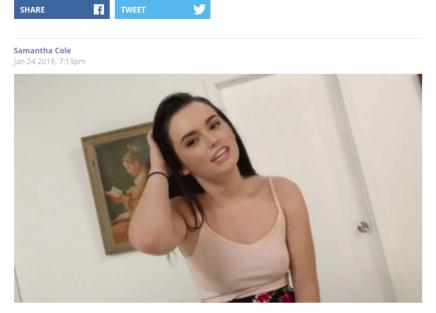
SHARE

There's a video of Gal Gadot having sex with her stepbrother on the internet. But it's not really Gadot's body, and it's barely her own face. It's an approximation, face-swapped to look like she's performing in an existing incest-themed porn video.

The video was created with a machine learning algorithm, using easily accessible materials and open-source code that anyone with a working knowledge of deep learning algorithms could put together.

We Are Truly Fucked: Everyone Is Making AI-Generated Fake Porn Now

A user-friendly application has resulted in an explosion of convincing face-swap porn.



Daisy Ridley's face in a porn performer's video, made using FakeApp.

In December, <u>Motherboard discovered a redditor</u> named 'deepfakes' quietly enjoying his hobby: Face-swapping celebrity faces onto porn performers' bodies. He made several convincing porn videos of celebrities—including Gal Gadot, Maisie Williams, and Taylor Swift—using a machine learning algorithm, his home computer, publicly available videos, and some spare time.

Since we first wrote about deepfakes, the practice of producing Al-assisted fake porn has exploded. More people are creating fake celebrity porn using machine learning, and the results have become increasingly convincing. Another redditor even created an app specifically designed to allow users without a computer science background to create Al-assisted fake porn. All the tools one needs to make these videos are free, readily available, and accompanied with instructions that walk novices through the



Following 2

Followers 70

Deepfakes market

@Deepfakes_app

All the deepfakes you can ever imagine. Buy an already built video, or choose to create your own, with any public person of your choice. Payments in crypto only



Joined July 2017

Photos and videos

Tweets & replies Media **Tweets**

Pinned Tweet



Tweets

25

Deepfakes market @Deepfakes_app · Mar 3

We made a list of everything we have , so it will be easy for you to search through actresses we currently have - > pastebin.com/4HQcUT4h We will update the list on a weekly basis, same as our website.



List Of Deepfakes For Sale - Pastebin.com pastebin.com

1 1

Deepfakes market @Deepfakes_app · 24h

We significantly lowered our prices, due to the amount of people telling us to make it more affordable, hope you will like that change. Next update scheduled to 15.03 with ±30 more videos to come!

↑7 1

♡ 1



Deepfakes market @Deepfakes_app · Mar 9 Weekly update: 23 more videos, new actresses, price corrections and new offers - check pinned tweet for detailed information!

17



Deepfakes market @Deepfakes_app · Mar 4

Also we offer a full tutorial on how to make deepfakes if you dont have a powerful PC or dont have a specific video card installed. Works on any pc or laptop you have, only need a stable access to internet. Current price - 0.3 ETH, PM for details, or use telegram

1]



Deepfakes market @Deepfakes_app · Mar 1

We just updated our website and now there is more then 80 actresses to choose from! Currently we have a total of 300 videos of more then 120 actresses in our database, and this numbers are only growing!

Get in now for a lifetime access to a growing database of deepfakes!

Deepfakes market @Deepfakes_app · Feb 26

ſŢ

While these things happening, you can get an access to our base of deepfakes for 0.5 ETH. Lifetime access, great quality! Currently we have a total of 50 actresses/media people in it and a total of more then a 100 videos.(Full list attached) #deepfakes #customfakes #deepfakeapp



About

Search Twitter



Deepfakes market

@Deepfakes_app

All the deepfakes you can ever imagine. Buy an already built video, or choose to create your own, with any public person of your choice. Payments in crypto only

S telegram.me/Deepfakes_mark...

Joined July 2017



Pornhub ARIA ^② @Pornhub · Mar 5 I'm on one today y'all.





Follow

Replying to @Pornhub

Need a deepfake? Buy from us! Wanna make your own but dont have any equipment? We can teach you how to make deepfakes from any device of your choice that have access to the internet! DmUS! We accept cryptocurrency!



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tools









text 7.69 KB download print clone embed report

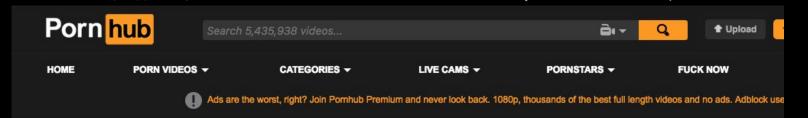
Contact us at twitter.com/Deepfakes app or via telegram t.co/SNx3oiEysn to purchase any of listed below.

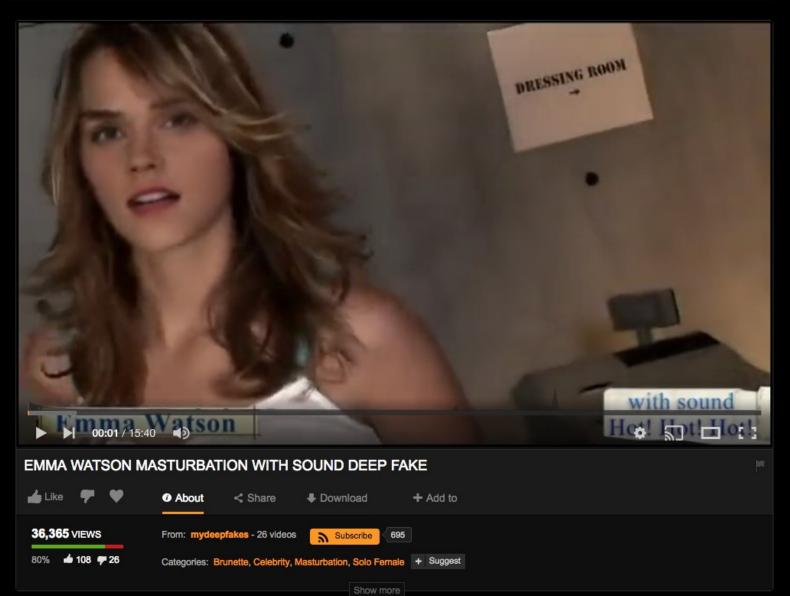
faq

10.04.18 Mini mid week update. Added a referral option for testing.

API

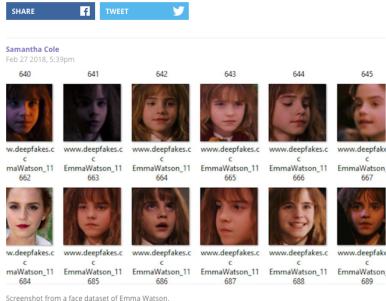
- 06.04.18 Added deepfakes and a new guide.
- 27.03.18 Huge update with 80 deepfakes added!
- 16.03.18 Just a few hours late, but we added a lot of videos for you.
- 7. 13.03.18 After all the feedback we received we decided to significantly lower our prices on everything. Hope you will like that change!
- 09.03.18 UPD we changed prices to USD, but we still ONLY accept cryptocurrency.
- 10. Price list:
- 11. 10\$ = 1 actress (up to 5 videos), 129\$ = Full lifetime access to our website, that we update weekly , 299\$ = access to website, where you can watch them online + full database + access to a closed community forum (not all videos end up being published on website, so if you want to get access to premoderated part of it, this is your choice)
 - Many people told us that they struggle to make deepfakes because they dont have a high end PC, or because they own macOS device. Because of thatwe now offer full tutorial on how to make a deepfake if you dont have a powerful pc or laptop, it works for any pc or laptop you have, you only need access to internet and thats pretty much it. Any OS, updated 19.03.18, Cost = 99\$.
- That will teach you how to create deepfake with any face you want on any body of your choice!
- 16. Also if you want to make money off deepfakes we provide access to a number of private forums/dashboards where you can get premium access to newest deepfakes to resell them - only for 149\$.
- 18. Referral option : If you know someone willing to get our product/services contact us and if your person buys anything from us and mentions you as a referral — you get a 10% of theirs purchase. (payouts only in crypto, percentage might change later)
- 17.04.18 upd. 21 new deepfakes, 536 in total.
- 21. Rachel McAdams (1) Marzia (1) Katy Perry (2) Anna Akana (1) Alexandra Daddario (2) Natalie Dormer (1) Olivia Munn (2)
- Priyanka Chopra (1) Reese Withersponn (1) Marilyn Monroe (1) Anna Kendrick (1) Jamie Chung (1) Barbara Dunkelman (1)
- Gal Gadot (1) Margot Robbie (1) Ellen Page (1) Daisy Ridley (1) Avril Lavigne (1)





Fake Porn Makers Are Worried About Accidentally Making Child Porn

Images of celebrities as minors are showing up in datasets used in making AI-generated fake porn.



Hiding in a .zip file among thousands of otherwise mundane images of Emma Watson's face are a handful of photos of her as a child.

This collection of images, or faceset, is used to train a machine learning algorithm to make a deepfake: a fake porn video that swaps Watson's face onto a porn performer's body, to make it look like she's having sex on video. If someone uses the faceset that contains images of Watson as a child to make a deepfake, that means that a face of a minor was in part used to create a nonconsensual porn video.

The people making deepfakes and trading these facesets are worried about this. They write disclaimers that younger celebrities' facesets might contain photos of them as minors. Some are deleting whole sets, such as one of Elle Fanning, until they can be sure it doesn't contain images of her as a minor.

DEEPFAKES.CLUB

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Resources

Blog

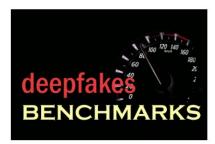
Welcome! DeepFakes Club focuses on technology, education, and journalism surrounding deep-learning based faceswapping technologies.

If you would like to learn how to create deepfakes, start with our DeepFakes Tutorial. If you have questions about deepfakes, start with our DeepFakes FAQ or head over to our Forums.

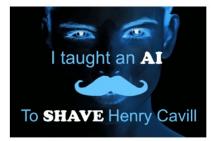
Latest Blog Posts













Twitter: @deepfakesclub

DeepFakes Club is a community resource to promote and develop deep learning-based face swapping techniques. We focus on education, news, and technical development.

Recent Posts

OpenFaceSwap DeepFakes Software

Python faceswap quick start guide

Best hardware and software for deepfakes

Deepfakes with an AMD graphics card tutorial (Updated)

I taught an Al to shave Henry Cavill's mustache

Use	rna	m	۵.

Password:

Remember Me

Lost Password

Log In





Follow

#deepfakes are fascinating. There will be a whole industry of deepfake stunt-doubles in Hollywood. So while Hollywood is moaning now about fakeporn, soon they'll make blockbusters at a fraction of the cost by hiring lookalikes and simply buying 'face' rights and voiceovers.

1:28 AM - 26 Feb 2018 4 Retweets 19 Likes 19 Georgina Voss @gsvoss · Feb 26 Replying to @M_PF (you've watched Bojack Horseman, y/y?) M Plummer Fernandez @M_PF · Feb 26 Memo Akten @ @memotv · Feb 26 also see the incredibly underrated (if not over-dramatic) THE CONGRESS The Congress Official Trailer (2014) Robin Wright, J... http://www.joblo.com - "The Congress" Official Trailer (2014) Robin Wright, Jon Hamm HD An aging, out-ofwork actress accepts one last job, though the conseq...

voutube.com

Chartered Financial Planner warns of 'deepfake' scams

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Elderly investors can be at risk of 'deepfake' scams

Surrey-based Informed Choice, a firm of Chartered Financial Planners, is warning about the risks of an emerging video technology with the potential to cheat investors.

One of the company's clients nearly lost tens of thousands of pounds recently in an attempted 'deepfake' video scam.

The company says that 'deepfakes' have become widespread as a tool to manipulate photographs and videos with the original actor's face being replaced.

Using artificial intelligence and a library of still images, software can almost seamlessly replace one individual with another in a video.

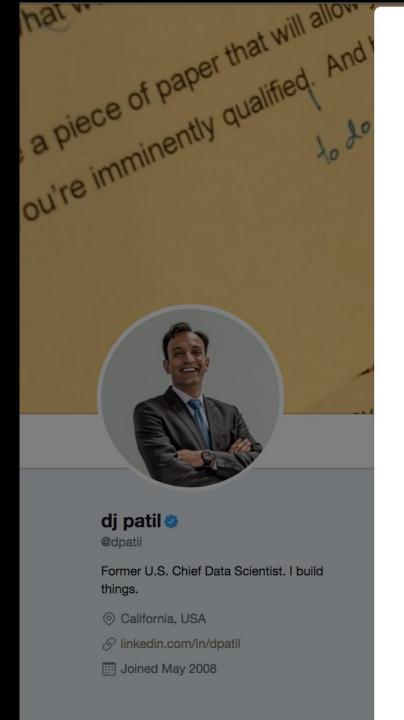
Videos are created using a machine learning algorithm based on easily accessible open source software. It is being widely used already to create fake pornographic videos, mapping the faces of celebrities onto those of the original adult entertainers.

Informed Choice director Martin Bamford said: "Within a matter of months, this technology will have developed to the extent it will be possible for investment fraudsters to create videos which are indistinguishable from the real thing.

"We have already prevented one client from being conned out of tens of thousands of pounds she was tempted to invest with a scammer after seeing a video featuring a very convincing Bill Gates impersonator.

"We expect to see deepfake technology being used by fraudsters to create videos featuring (bogus versions of) Warren Buffett, Elon Musk or Martin Lewis apparently endorsing an investment. Scammers could also make videos purporting to be from an investor's financial adviser, recommending they place their money in a dodgy scheme."

Informed Choice is warning clients about the risks to investors posed by deepfake technology and suggests that awareness of the software is key to preventing future consumer detriment.







This is what scares me. We're not even ready for the level of weaponization that can happen with the tech that is here today. That doesn't mean slow down the process of innovation. It means we have to put in policy & process to ensure that technology works for us; not against us



Adam Nash @ @adamnash

Watching a George W Bush speech come out of Barrack Obama's mouth. Frightening level of progress on synthetic video. #TED2018

11:43 AM - 11 Apr 2018

178 Retweets 357 Likes















↑ 178



Pieter Gunst @DigitalLawyer · Apr 11

Replying to @dpatil @hvdsomp

Scary. Imagine a fake video from a head of state announcing capitulation before a battle. I'm having a hard time imagining the policies that will prevent this, and even technical solutions might not be able to counteract before the damage is done.

1 3



Some think the real danger of Al/Machine Learning is not Robot Overlords but narrower uses - fake news, deepfake videos, 100% convincing phishing emails. How will we live if we don't know what's genuine anymore? Anyone could be framed with fake evidence.

img1.wsimg.com/blobby/go/3d82 ...

4:39 AM - 26 Feb 2018



Let me break this down for you:

- Alice murders Bob while David films it
 Alice uses "deepfake" software to superimpose Carol's face onto her body in David's video
- 3) The video is submitted as an anonymous tip
- 4) Carol is convicted of murder, with video evidence

3:02 AM - 26 Feb 2018



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r000t @rootworx · Feb 26

If this isn't a plausible scenario for you, let me change just one factor...

Hard Mode: Alice and David work for some law enforcement or intelligence entity

Impossible Mode: In a country with a lower standard of evidence than the US





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A New Advisory Helps Domestic Violence Survivors Prevent and Stop Deepfake Abuse

April 25, 2018 by ERICA JOHNSTONE

New advancements in technology are commonly announced with fanfare and excitement. Domestic violence advocates seldom react with the same enthusiasm. From experience, they must rapidly prepare for how the new technology will be misused to inflict harm on the population they serve. Artificial intelligence, it turns out, is no exception.

The latest trend, Deepfake technology, uses an artificial intelligence method called deep learning to recognize and swap faces in pictures and videos. The technique begins by analyzing a large number of photos or a video of someone's face, training an artificial intelligence algorithm to manipulate that face, and then using that algorithm to map the face onto a person in a video. Although this technique may have legitimate uses, it can also be used to perpetrate intimate partner abuse, by making it appear as though one's partner was in, for example, a pornographic video that they were not in fact in.

The attached Domestic Violence Advisory, authored by attorneys Erica Johnstone of Ridder, Costa & Johnstone LLP, and Adam Dodge of Laura's House, explains how California family courts can prevent and stop deepfake abuse under California's Domestic Violence Prevention Act.

Using Fake Video Technology To Perpetrate Intimate Partner Abuse

Domestic Violence Advisory

Authors: Adam Dodge, Laura's House & Erica Johnstone, Ridder, Costa & Johnstone LLP1

1. What is a deepfake?

There are a variety of techniques that can be used to create videos and other content that misrepresent people and events. One that has come to public attention recently is colloquially referred to as "deepfake" technology, named after a Reddit user who helped popularize it. The technology uses an artificial intelligence method called deep learning to recognize and swap faces in pictures and videos. The technique begins by analyzing a large number of photos or a video of someone's face, training an artificial intelligence algorithm to manipulate that face, and then using that algorithm to map the face onto a person in a video. Although this technique may have legitimate uses, it can also be used to perpetrate intimate partner abuse, by making it appear as though one's partner was in, for example, a pornographic video that they were not in fact in.

"Deep fake technology leverages machine learning techniques to manufacture facts about the world. It manipulates video and audio so individuals appear doing and saying things they never did or said." This Advisory offers direction on how to address the problems deepfake videos can cause in the context of intimate partner abuse. The authors want victims and their supporters to know *everything* that can be done to combat face-swapped videos in California family court when the facts present as intimate partner abuse.

2. How can a face-swapped video be used to perpetrate domestic violence?

Unlawful conduct may take place at the point of photo capture and/or video distribution.

Unlawful capture of images by stalking,³ surveillance, hacking,⁴ force or threats: To create a face-swapped video of reasonable quality today, the perpetrator needs at least a few hundred

What most Instagram "influencers" who post thousands of photos of their faces online - don't get: They are providing us with a beefy free data set, to train deepfake face-swap models, that eventually will replace them with synthetic influencers. Smile!



6:16 PM - 3 May 2018

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'Deep Voice' Software Can Clone Anyone's Voice With Just 3.7 Seconds of Audio

Using snippets of voices, Baidu's 'Deep Voice' can generate new speech, accents, and tones.

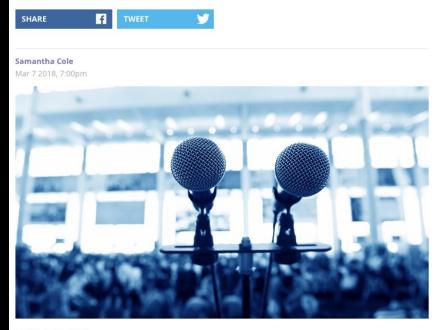


Image: Shutterstock

With just 3.7 seconds of audio, a new AI algorithm developed by Chinese tech giant Baidu can clone a pretty believable fake voice. Much like the rapid development of machine learning software that democratized the creation of fake videos, this research shows why it's getting harder to believe any piece of media on the internet.

Researchers at the tech giant unveiled their latest advancement in <u>Deep Voice</u>, a system developed for cloning voices. <u>A year ago</u>, the technology needed around 30 minutes of audio to create a new, fake audio clip. Now, it can create even better results with just a few seconds of training material.

New Scientist

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DAILY NEWS 26 February 2018

Baidu can clone your voice after hearing just a minute of audio



Baidu is building on its Deep Voice engine Anthony Kwan/Bloomberg via Getty Images

By Edd Gent

Chinese search giant Baidu says it can create a copy of someone's voice using neural networks – and all that's needed to work from is less than a minute's worth of audio of the person talking.

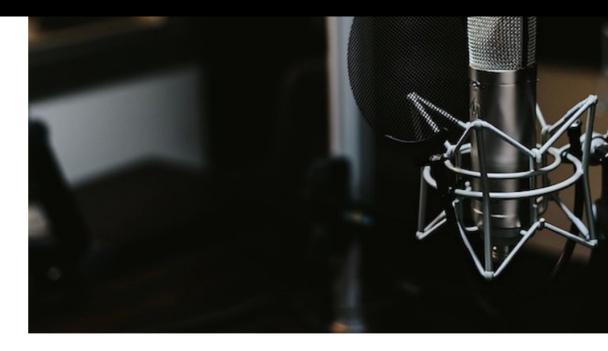
Baidu researchers say the technology could create digital duplicate voices for people who have lost the ability to talk. It could also be used to personalise digital assistants, video game characters or automatic speech translation services.

"A mum could easily configure an audio-book reader with her own voice ...

Adobe is Developing Photoshop for Your Voice

In the age of information manipulation, a new voice editing technology could present mounting security challenges





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7:26

hen Adobe Photoshop first debuted, it looked like magic. The ability to seamlessly alter photos gave graphic designers a life-changing tool, but it wasn't long before users started to use the product for more nefarious purposes. As recently as last year, for example, a photo of NFL player Michael Bennett of the Seattle Seahawks appearing to be hotoshopped. the team's locker room went viral, even though it had merely been Photoshopped.

By now, Photoshop (and "Photoshopping," it's adapted verb version) has become shorthand for speaking about any manipulated photo. The way the term has woven itself into our everyday language demonstrates how widespread our understanding that images can be easily digitally manipulated has become. People are often willing to point out and accept that a photo has been altered. (Though, as the Bennett photo demonstrates, there are still exceptions to the rule, and many who are still fooled.)

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Deep Fakes: A Looming Crisis for National Security, Democracy and Privacy?

By Robert Chesney, Danielle Citron Wednesday, February 21, 2018, 10:00 AM















Screenshot of "Synthesizing Obama: Learning Lip Sync from Audio" (Supasorn Suwajanakorn, University of Washington)

"We are truly fucked." That was Motherboard's spot-on reaction to deep fake sex videos (realistic-looking videos that swap a person's face into sex scenes actually involving other people). And that sleazy application is just the tip of the iceberg. As Julian Sanchez tweeted, "The prospect of any Internet rando being able to swap anyone's face into porn is incredibly creepy. But my first thought is that we have not even scratched the surface of how bad 'fake news' is going to get." Indeed.



Bobby Chesney is the Charles I. Francis Professor in Law and Associate Dean for Academic Affairs at the University of Texas School of Law. He also serves as the Director of UT-Austin's interdisciplinary research center the Robert S. Strauss Center for International Security and Law. His scholarship encompasses a wide range of issues relating to national security and the law, including detention, targeting, prosecution, covert action, and the state secrets privilege; most of it is posted here. Along with Ben Wittes and Jack Goldsmith, he is one of the co-founders of the blog.

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Danielle Citron is the Morton & Sophia Macht Professor of Law at the University of Maryland Carey School of Law. She is the author of Hate Crimes in Cyberspace (Harvard University Press 2014).

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Google Assistant making calls pretending to be human not only without disclosing that it's a bot, but adding "ummm" and "aaah" to deceive the human on the other end with the room cheering it... horrifying. Silicon Valley is ethically lost, rudderless and has not learned a thing.

8:12 AM - 9 May 2018

















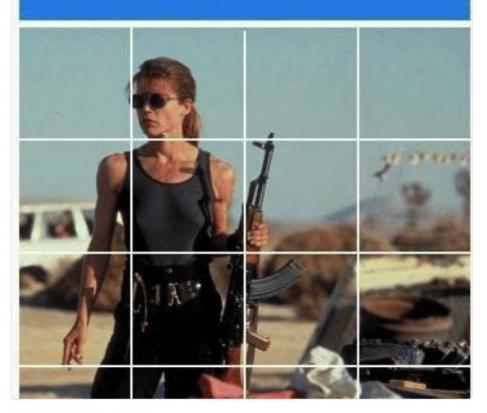




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Liz Fong-Jones #\$REcon @lizthegrey

My fellow engineers: grow a goddamn ethical backbone. "This is inevitable because someone else will do it" doesn't mean that "you" have to personally contribute to it, and if all of us decline, then it won't happen and isn't inevitable.

Matt Cagle <a> @Matt_Cagle

Face surveillance isn't inevitable.

Say it again.

Face surveillance isn't inevitable.

Say it again....